Purchasing Receipts

Darl Hawkesbury 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada Tel (613) 632-5200 Fax 613 632-5246

10/16/2018

Print

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Supplier	\$673.00 McMaster- Carr Supply Co,	\$5.25 McMaster- Carr Supply Co,	\$49.16 McMaster- Carr Supply Co,	
Total	\$673.00	\$5.25	\$49.16	\$727.41
Past Due				
Aging Days	0	0	0	
Price/Unit	Stock 10/16/2018 \$ 84.13 / ft	\$ 1.05 / ft	\$ 12.29 / ft	
Receive Date	10/16/2018	Stock 10/16/2018 \$ 1.05 / ft	Stock 10/16/2018 \$ 12,29 / ft	
Status	Stock	Stock	Stock	
Container	S118781	S118782	S118783	
Received Accounting Container Status Receive Price/Unit Aging Past Quantity Job No No No Date Date Price/Unit Days Due				
Received	ω	w	4	17
Due Date	8 10/16/2018			
Order	Φ	9	4	17
Equipment ID				Total:
Project				
For Part No				
Description	440C SS Rod, 5/8*** dia.	Nylon 6 Round Bar 0.500"" Dia.	Off-White Nylon Bar, 1"* Wide, 1"* Thick	
PO No Supplier Item No No Item No No Item No I	1328T68	MT-NYLON 6- Nylon 6 Round R0.500-W Bar 0.500"" Dia.	MT-NYLON 6- Off-White B1.000X1.000 Nylon Bar, 1"" Wide, 1"" Thick	
Terms	Net 30			
Rei	-			
Line Item No	-	2	m	
Supplier	PO041355 MCM001-			
PO No	P0041355			

Plex 10/16/2018 1:05 PM dart. Tollis. Andrew



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON **K6A 1K7** Canada

PURCHASE ORDER PO041355

Tel (613) 632-5200

MCM001-VU Supplier:

McMaster-Carr Supply Co.

P.O. Box 7690

Chicago, IL 60680-7690 USA

Phone: 330 995 5500 Fax: 330 995 9600

PO No:

PO041355

PO Date:

10/15/18 10/16/18

Due Date:

Purchase Order

Revision: Revision Date:

Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Ship To:

1270 Aberdeen Street

Hawkesbury

ON

K6A 1K7 Canada

Phone: 613-632-5200

Via:

Ground

Pymt Terms:

2% 10 Net 30

Freight Terms: **Special Comments:**

Items

						1101110						
Line Item .	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
4		1328T68	2 ft long	440C SS Rod, 5/8" dia.	Firmed	-	10/16/18	8 ft	8 Lpft	8.H	007 16 70	18\$673.00
Ar	- 1	MT-NYLON 6- R0.500-W	8538K18 5/FT	Nylon 6 Round Bar 0.500" Dia.	Firmed	-	10/16/18	5 ft	SHOR	5) r 9-8	\$1.05/ft 9 OCT 1	
3/ Al		MT-NYLON 6- B1.000X1.000	8733K64	Off-White Nylon Bar, 1" Wide, 1" Thick	Firmed	-	10/16/18	/4 ft	yft on	4 ft DAS 61	¥ 1	\$49.16 6 2018
										9-89	Grand Total:	\$727.41

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/15/18 2:00 PM dart.lavoie.chantal



Packing List

200 Aurora Industrial Pkwy Aurora OH 44202-8087 330-995-5500 cle.sales@mcmaster.com

Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada Purchase Order PO041355

Order Placed By Chantal Lavoie

McMaster-Carr Number 2626919-01

Page 1 of 1 10/15/2018

Lin	e	Product	Ordered	Shipped
1	1328T68	Hardened 440C Stainless Steel Rod, 5/8" Diameter, 2 Feet Long	4 Each	(2)
Sh	ipped sepai	rately from our Cleveland warehouse on 10/15		
1	1328T68	Hardened 440C Stainless Steel Rod, 5/8" Diameter, 2 Feet Long	4 Each	2
2	8538K18	Off-White Nylon Rod, 1/2" Diameter, 5 Feet Long	5 Feet	5
3	8733K64	Off-White Nylon Bar, 1" Wide, 1" Thick, 4' Length	4 Feet	4



Packing List

200 Aurora Industrial Pkwy Aurora OH 44202-8087 330-995-5500 cle.sales@mcmaster.com Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada Purchase Order PO041355

Order Placed By Chantal Lavoie

McMaster-Carr Number 2626919-02

Page 1 of 1 10/15/2018

Lin	е	Product	Ordered Si	nipped
2	8538K18	Off-White Nylon Rod, 1/2" Diameter, 5 Feet Long	5 Feet	5
3	8733K64	Off-White Nylon Bar, 1" Wide, 1" Thick, 4' Length	4 Feet	4
Sh	ipped sepai	rately from our Chicago warehouse on 10/15		
1	1328T68	Hardened 440C Stainless Steel Rod, 5/8" Diameter, 2 Feet Long	4 Each	2



Packing List

200 Aurora Industrial Pkwy Aurora OH 44202-8087 330-995-5500 cle.sales@mcmaster.com Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada Purchase Order PO041355

Order Placed By Chantal Lavoie

McMaster-Carr Number 2626919-03

Page 1 of 1 10/15/2018

Line	9	Product		Ordered	Shipped
1	1328T68	Hardened 440C Stainless Steel Rod, 5/8" Diameter, 2	Feet Long	4 Each	(2)
_					

Shipped separately from our Chicago warehouse on 10/15

1 1328T68 Hardened 440C Stainless Steel Rod, 5/8" Diameter, 2 Feet Long

4 2 Each

McMASTER-CARR.

Hardened 440C Stainless Steel Rod

5/8" Diameter

1328T68



Material	440C Stainless Steel
Cross Section Shape	Round
Construction	Solid
Appearance	Plain
Diameter	5/8"
Diameter Tolerance	-0.0002" to 0"
Tolerance Rating	Tight, Undersized
Yield Strength	275,000 psi
Mechanical Finish	Precision Ground
Temper Rating	Hardened
Hardness	Rockwell C55
Hardness Rating	Very Hard
Min. Temperature	Not Rated
Maximum Temperature	800° F
Specifications Met	AMS 5630, ASTM A276
Straightness Tolerance	0.006" per ft.
Magnetic Properties	Magnetic
Density	0.28 lbs./cu. in.
Material Composition	
Iron	76.73-82.65%
Carbon	0.95-1.2%
Chromium	16-18%
Copper	0-0.5%
Manganese	0-1%
Molybdenum	0.4-0.75%
Nickel	0-0.75%
Phosphorus	0-0.04%
Silicon	0-1%
Sulfur	0-0.03%
Length Tolerance	-1/4" to 1/4"
Length	1/2 ft., 1 ft., 2 ft.
RoHS	Compliant

These rods are hardened for superior strength and wear resistance. One of the hardest types of stainless steel after heat treating, 440C offers excellent wear and abrasion resistance. It's often used for bearings, valves, and knife blades. This material maintains its corrosion resistance in temperatures up to 800° F.

MATERIAL RECEIPT INSPECTION FORM

TER						
ired)						
SIGNED OFF BY:						

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

McMASTER-CARR.

Off-White Nylon Rod 1/2" Diameter, 5 Feet Long

\$1.05 per ft. of 5 8538K18

Material (Nylon Plastic
Grade	6/8
Cross Section	Round
Shape	Round
Construction	Solid
Texture	Smooth
Color	Off-White
Clarity	Opaque
Diameter	1/2"
Diameter	0" to +0.005"
Tolerance	0 10 +0.003
Tolerance Rating	Oversized
Length	5 ft.
Hardness	Rockwell R110
Hardness Rating	Hard
For Use Outdoors	No
Minimum	Not Rated
Temperature	Not Rated
Maximum	185° F
Temperature	103 F
Impact Strength	1.00 ftlbs./in.
Impact Strength	Good
Rating	Good
Tensile Strength	11,200 psi
Tensile Strength	Excellent
Rating	Excellent
Specifications Met	ASTM D5989 ASTM D6779, Made of FDA Listed Material, NSF/ANSI Standard 6 for Drinking Water, U 94V2
Density	0.041 lbs./cu. in.
Coefficient of	0.27
Friction	0.27
Dielectric	300V/mil
Strength	500 V/11111
Water Absorption	1.35%
Coefficient of Thermal Expansion	4.8 × 10 ⁻⁵ in./in./°F

1328768+

mT-Nylin6

RoHS

Compliant

Often used for bearings, gears, cams, and valve seats. These nylon 6/6 rods stand up to wear and abrasion, as well as gasoline, mineral oil, and refrigerants.

BY APPROVED VM VM DART MENDING CHEST NYLON 6 ROUND BAR 17.08.23 2 EN 1-649 DESCRIPTION NEW ISSUE EG. 5/8" ROUND BAR = MT-NYLON 6-R0.625-W WHERE "D.DDD" = DIAMETER IN INCHES WHERE C = COLOR [W= WHITE] / [B= BLACK] 5 REV. SPECIFICATION CONTROL DRAWING MT-NYLON 6-R[D.DDD]-C NYLON 6 ROUND BAR ASTM D5989 PURCHASE MATERIAL: SPECIFICATION: PART NUMBER:

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MY-10 DATE:	14/10	NG	-RO.500	-W	PO / BATCH	NO.: POO	41355/5 118	
MATERIAL CERT REC'D: Ves QUANTITY RECEIVED: S'H QUANTITY INSPECTED: S'H			THICKNESS ORDERED: 0.50017 THICKNESS RECEIVED: 0.50017 SHEET SIZE ORDERED:					
QUANTITY REJECTED: 2				SHE	et sizë recei	VED:		
DESCRIPTION	(Ch	CR leck (N)			COMMEN ⁻	ΓS		
SURFACE DAMAGE	Υ	(N)						
CORRECT FINISH	(Y)	N						
CORROSION	Y	N						
CORRECT GRAIN DIRECTION	Y	N						
CORRECT MATERIAL PER M-DRAWING	X	N	ASTM	05989				
CORRECT THICKNESS	Y	N						
PHOTO REQUIRED	Y	N	00 11					
CORRECT REF # TO LINK CERT	(X)	N	12041	355				
CORRECT MATERIAL IDENTFICATION	NY	N						
CORRECT M# ON THE MATERIAL	10	11/4						
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N						
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N						
CUT SAMPLE PIEC						SS CHECK.		
	f		HRC T	ULTS BELOV HRB	DUR A	DUR D	WEBSTER	
TYPE OF MATERIAL			nkc	ПКВ	DUNA	DOKD	WEBSIER	
SIZE OF TEST SAMPLE								
HARDNESS / DUROMETER READ	ING							
		esters	located in	the Quality Office	ce			
QC 18 INSPECTION					ENGINEER	RING SIGNO	FF (if required)	
INSPECTED BY: A				CICI	VIED OFF DV.			
INSI LCILD DI. 7//				3161	NED OFF BY:			

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

McMASTER-CARR.

Off-White Nylon Bar 1" Wide, 1" Thick

In stock \$12.29 per ft. 8733K64



	NSF/ANSI Standard 61 for Drinking Water, UL 94V2
Density	0.041 lbs./cu. in.
Coefficient of Friction	0.27
Dielectric Strength	300V/mil
Water Absorption	1.35%
Coefficient of Thermal Expansion	4.8 × 10 ⁻⁵ in./in./°F
RoHS	Compliant

With excellenct wear and abrasion resistance, these nylon 6/6 sheets. bars, and strips are often used for bearings, gears, and other high-wear parts. They resist gasoline, mineral oil, and refrigerants.

BY APPROVED VM VM COPTRIGHT & 2017 BY DART AEROSPACE LTD
COST DECINE AND RESIDENCE OF THE OPERST CONTINUE
THE OR COPYS OF COME PRATE IN AND OTHER SPERS WITH THE DART MANAGEMENT NYLON 6 BAR 17.08.23 DATE 04 DESCRIPTION NEW ISSUE EG. 1/4" x 2" WHITE BAR = MT-NYLON 6-B0.250x2.000-W ECW 17- 649 TOLERANCES PER MANUFACTURER SPECIFICATIONS WHERE "H.HHH" = HEIGHT IN INCHES WHERE "W.WWW" = WIDTH IN INCHES WHERE "C" = COLOR [W= WHITE] / [B= BLACK] 3 MF-TOYLON 6-B[H.HHH]x[W.WWWJ-C REV. SPECIFICATION CONTROL DRAWING NYLON 6 BAR ASTM DS96 PURCHASE MATERIAL: SPECIFICATION: PART NUMBER: 00

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7-N/2 DATE: 18/10/16	<u>)</u>		PO/	BATCH	NO.: <u>POOTI</u>	355/5/1878				
MATERIAL CERT REC'D: 45	THICKNESS ORDERED: / 200 " THICKNESS RECEIVED: / 200 "									
QUANTITY INSPECTED: 44				-				RED:	******	
QUANTITY REJECTED:		-				VED:				
QUANTITIES ESTES.				-	0111		. NEOEI	V C D .		
DESCRIPTION		CR		·- ·-			N 48 45 N 13			
DESCRIPTION (Ci					COMMENTS					
SURFACE DAMAGE		(1)								
CORRECT FINISH	(Y)	N								
CORROSION	Y	(0)								
CORRECT GRAIN DIRECTION	(8)	N	16100	1)598	00					
CORRECT MATERIAL PER M-DRAWING CORRECT THICKNESS	(1)	N	HYIM	1)392	9				-	
PHOTO REQUIRED	Y	W								
CORRECT REF # TO LINK CERT	(y)	Ň	10041	256						
CORRECT MATERIAL IDENTFICATION	1	N	10011	322						
CORRECT M# ON THE MATERIAL	(8)	N								
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)								
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(M)								
CUT SAMPLE PIECI	E OF	MA	ΓERIAL Α	ND PR	EFOI	RM A H	ARDNE	SS CHECK.		
	F		ORD RES							
			HRC	HI	RB	DL	JR A	DUR D	WEBSTER	
TYPE OF MATERIAL SIZE OF TEST SAMPLE		_		-		+				
HARDNESS / DUROMETER READI	NG					+				
HANDNESS / DONOMETER READI	_	esters	located in	the Qua	lity Of	fice				
QC 18 INSPECTION					- 1	EN	GINEEF	RING SIGNO	FF (if required)	
INSPECTED BY:					SIC	GNED C	FF BY:			
INSPECTED BY: A/					DATE:					

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in